

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.: BAKRAN

In re Application of:)
MARK-MATTHIAS BAKRAN et al.)
Cont. of Int. Appl. No.: PCT/DE02/02224)
Int. Filing Date: June 19, 2002)
For: N-POINT-CONVERTER CIRCUIT)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

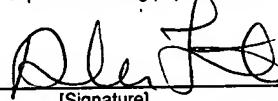
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ANTONELLA FUSILLO

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[Signature]

SIR:

In accordance with 37 C.F.R. 1.56, applicant wishes to call the attention of the Examiner to the references listed on enclosed form PTO-1449 which were cited in the instant specification and in the International Search Report issued by the European Patent Office with regard to the corresponding International patent application No. PCT/DE02/02224, respectively. Applicant does not admit that any of the cited documents constitutes prior art against the pending application.

The Examiner is requested to initial the attached form PTO-1449 and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

This Information Disclosure Statement is filed within three months of the filing date of a national application other than a continued prosecution application under 1.53(d), so that no fee under 37 C.F.R. §1.97 is due.

This Information Disclosure Statement is filed within three months of the date of entry of the national stage as set forth in 1.491 in an international application, so that no fee under 37 C.F.R. §1.97 is due.

This Information Disclosure Statement is filed before the mailing of a first Office Action on the merits, so that no fee under 37 C.F.R. §1.97 is due.

This Information Disclosure Statement is filed before the mailing of a first Office Action after the filing of a request for continued examination under §1.114, so that no fee under 37 C.F.R. §1.97 is due.

This Information Disclosure Statement is filed after the issuance of a first office but before issuance of a final action under §1.113, or a notice of allowance under §1.311.

This Information Disclosure Statement is submitted after the mailing of a final action or a notice of allowance, but before payment of the issue fee.

The undersigned submits the following statement requesting consideration of this statement:

The undersigned hereby states:

- That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement;
- That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the information disclosure statement.
- The fee of \$180.00 set forth in 1.17(p).
- The Commissioner is hereby authorized to charge the fee as set forth in 1.17(p), and any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-0502.
- The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-0502.

In order to satisfy the requirement under 37 C.F.R. §1.98(a)(3) for a concise explanation of the relevance of each item of information, applicant herewith submits a copy of the International Search Report together with a translation of the relevant pages thereof.

The above-identified application discloses and claims an invention patentable over this prior art.

Entry of the references above set forth into the file of the above application
is believed to be in order and is respectfully requested.

The Commissioner is hereby authorized to charge any additional fees which
may be required, or credit any overpayment to Deposit Account No. 06-0502.

Respectfully submitted

By: _____


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INFORMATION DISCLOSURE CITATION

Attorney's Docket No. BAKRAN	Applicant MARK-M. BAKRAN et al.	Cont. of Int. Appl. No. PCT/DE02/02224
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Int. Filing Date June 19, 2002	Group	Examiner
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U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date, if appropriate
	6,005,787	12-21-1999	Mizukoshi			
	4,670,828	06-02-1987	Shekhawat et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation
	WO 99/40676 A	08-12-1999	PCT			yes
	JP 10 108474 A	04-24-1998	Japan			abstract

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Xiaoming Yuan et al.: "evaluation of soft switching techniques for the neutral-point-clamped (NPC) inverter.", IEEE, 1999 pages 659-663, XP010346776, figures 3,5,7,9
	"Medium Voltage Inverter using High-Voltage IGBTs" by A. Mertens, M. Bruckmann, R. Sommer, published in EPE '99 - Lausanne
	"The Universal Medium Voltage Adjustable Speed Drive" by Y. Shakweh & E. A. Lewis, published in EPE '99 - Lausanne
	A New Multilevel Inverter Topology with a Hybrid Approach", by Bum-Seok Suh, Yo-Han Lee, Dong-Seok Hyun and Thomas A. Lipo, published in EPE '99 - Lausanne

Examiner:	Date considered:
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*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.